Power from NES and wind energy

2448. SHRI LALIT SURI:
DR. VIJAY MALLYA:

Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether in view of the rapidly escalating price of oil in the international market, the Ministry considering the prospects of increasing generation of power from non-conventional sources of energy such as wind energy;

(b) if so, the details of the potential generation of power from wind energy and how much is being generated annually;

(c) whether Government propose to consider granting tax benefits to those who opt for such types of energy; and

(d) if so, the details thereof?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI VILAS MUTTEMWAR): (a) Yes, Sir. Development and deployment of grid interactive renewable electricity generation systems to supplement fossil fuel electricity generation has been one of the key objectives of the Ministry of Non-Conventional Energy Sources. The aim is to deploy about 10% of the additional grid interactive power installed capacity from renewables during the Tenth and Eleventh Five Year Plan periods. As regards wind energy, a total capacity of 3740 MW has been installed so far in the country.

(b) A gross wind power potential has been estimated at about 45,000 MW in the country. The present exploitable potential has been estimated at 14,500 MW, taking into consideration the grid constraints in the potential States. On an average, two million units of electricity per MW are generated annually from such wind farm projects.

(c) Yes, Sir.

(d) Government provides various fiscal incentives for setting up wind power projects, which includes accelerated depreciation and ten year tax holiday for the investors.